

Sterling, Kansas, 15th: A severe hail storm occurred in Rice county, many windows were broken, and crops were damaged.
 Santa Fé, New Mexico, 14th: At Cerrillos mining camp, about twenty miles from Santa Fé, a heavy hail storm prevailed; windows were broken, and several persons injured. Much damage was done to gardens and crops.

Hail storms of less violence have occurred in the various states and territories, as follows:

Colorado: Fort Garland, 14th.

Dakota: Fort Lincoln, 2d; Fort Hale, 15th; Fort Meade, 18th; Alexandria, 9th; Fort Stevenson, 17th and 25th; Rapid City, 18th.

Illinois: Riley, 13th; Swanwick, 13th.

Idaho: Eagle Rock, 21st.

Kansas: Wellington, 15th; Yates Centre, 11th.

Michigan: Hastings, 4th; Grand Haven, 4th; Port Huron, 18th.

Missouri: Pierce City, 3d; Saint Louis, 13th; Saint Joseph, 18th.

Montana: Helena, 5th and 16th.

Nebraska: Fremont, 27th.

New Mexico: Fort Union, 17th and 28th; Fort Bayard, 27th; Santa Fé, 14th and 24th.

New York: Menand's road, near Albany, 28th; Albany 28th.

Ohio: Westerville, 5th; Cleveland, 18th.

Pennsylvania: Pittsburg, 14th.

South Carolina: Columbia, 1st.

Tennessee: Nashville, 29th.

Texas: Fort McKavett, 19th; Concho, 9th.

Utah: Salt Lake City, 21st.

Wisconsin: Franklin, 21st.

Wyoming territory: Cheyenne, 28th.

SNOW.

Snow is reported to have fallen at the following stations during the month:

Summit of Mount Washington, 2d, 3d.

Summit of Pike's Peak, 20th, 24th, 25th, 26th.

Fort Ellis, Montana, 8th.

SLEET.

Mount Washington, 3d; Pike's Peak, 8th, 13th to 16th, 22d, 26th, 27th, 29th, 30th.

COTTON REGION REPORTS.

The following tables give the average rainfall, mean of maximum and mean of minimum temperatures, for the months of July, June, May, and April, in each of the cotton districts as shown on chart vi. issued with the April REVIEW.

Meteorological Record for the Cotton Districts for the month of July 1882.

DISTRICTS.	Average rain-fall in inches.	Mean of the maximum.	Mean of the minimum.
New Orleans.....	8.80	90.4	71.3
Savannah.....	6.21	91.0	70.3
Charleston.....	7.28	90.9	68.0
Atlanta.....	5.45	87.9	67.6
Wilmington.....	5.90	90.2	67.7
Memphis.....	5.45	88.0	67.1
Galveston.....	3.74	94.0	71.3
Vicksburg.....	10.30	89.4	69.0
Montgomery.....	5.18	88.6	67.1
Augusta.....	4.93	90.0	69.2
Little Rock.....	3.08	89.2	66.0
Mobile.....	6.06	90.5	68.7

Meteorological Record for the Cotton Districts for the month of June, 1882.

DISTRICTS.	Average rain-fall in inches.	Mean of the maximum.	Mean of the minimum.
New Orleans.....	2.43	90.6	72.5
Savannah.....	4.97	89.9	70.4
Charleston.....	4.98	89.9	67.6
Atlanta.....	5.53	88.6	66.8
Wilmington.....	1.97	90.0	66.2
Memphis.....	2.89	90.4	67.0
Galveston.....	0.90	93.7	70.0
Vicksburg.....	1.44	91.2	68.5
Montgomery.....	3.49	91.5	69.4
Augusta.....	4.06	90.5	67.6
Little Rock.....	1.58	91.8	64.2
Mobile.....	3.60	94.8	68.8

Meteorological Record for the Cotton Districts for the month of May, 1882.

DISTRICTS.	Average rain-fall in inches.	Mean of the maximum.	Mean of the minimum.
New Orleans.....	5.57	84.4	61.1
Savannah.....	2.59	84.8	60.7
Charleston.....	2.63	81.9	58.1
Atlanta.....	2.39	78.9	56.2
Wilmington.....	2.52	79.0	54.6
Memphis.....	7.58	77.7	56.3
Galveston.....	5.25	83.9	59.9
Vicksburg.....	7.03	81.9	60.8
Montgomery.....	3.02	81.9	58.2
Augusta.....	2.11	82.2	57.8
Little Rock.....	11.04	78.7	59.6
Mobile.....	4.69	83.4	58.3

Meteorological Record for the Cotton Districts for the month of April, 1882.

DISTRICTS.	Average rain-fall in inches.	Mean of the maximum.	Mean of the minimum.
New Orleans.....	5.63	81.9	59.9
Savannah.....	3.73	81.1	60.2
Charleston.....	2.66	77.5	54.5
Atlanta.....	4.49	76.3	54.9
Wilmington.....	3.88	74.2	50.0
Memphis.....	5.29	74.9	54.0
Galveston.....	1.68	82.1	57.9
Vicksburg.....	7.03	78.6	56.8
Montgomery.....	4.92	78.5	57.2
Augusta.....	3.05	78.2	54.7
Little Rock.....	4.74	75.9	51.9
Mobile.....	8.80	79.1	57.3

WINDS.

The prevailing winds at Signal Service stations during the month of July, 1882, are shown on chart number ii. by arrows, which fly with the wind.

Throughout the country east of the Rocky mountains the prevailing winds were mostly southerly, except along the coast of New England, where they were westerly, and in the northern and middle slopes, where they were westerly and northwesterly; along the immediate California coast they were westerly; in the southern and middle plateau districts they were from southeast to southwest; in the northern plateau and in the north Pacific coast region they were variable.

TOTAL MOVEMENTS OF THE AIR.

The following are the largest total movements of the air at Signal Service stations: Mount Washington, New Hampshire, 25,082 miles; Hatteras, North Carolina, 11,318; San Francisco, California, 9,550; Fort Macon, North Carolina, 9,083; Galveston, Texas, 8,946; Dodge City, Kansas, 8,845; Indianola, Texas, 8,703; Eagle Rock, Idaho, 8,555; Delaware Breakwater, 8,452; Kitty Hawk, North Carolina, 8,437; Sandusky, Ohio, 8,143.

The smallest are: La Mesilla, New Mexico, 1,423; Lynchburg, Virginia, 1,910; Nashville, Tennessee, 2,217; Roseburg, Oregon, 2,258; Olympia, Washington territory, 2,269; Uvalde, Texas, 2,377; Silver City, New Mexico, 2,458; Morgantown, West Virginia, 2,571; Augusta, Georgia, 2,577; Vicksburg, Mississippi, 2,627; Tucson, Arizona, 2,776; Dayton, Washington territory, 2,877; Washington, District of Columbia, 2,903.

HIGH WINDS.

The highest velocity reported during the month (92 miles per hour, from the nw.) occurred on the summit of Mount Washington on the 2d. Other days on which high velocities were recorded, at this station, are as follows: 52 miles, s., 1st; 68, nw., 3d; 70, ne., 5th; 64, nw., 6th; 68, nw., 7th; 52, nw., 8th; 62, nw., 9th; 53, w., 10th; 68, nw., 11th; 71, nw., 12th; 70, nw., 13th; 50, w., 17th; 51, nw., 19th; 52, nw., 21st; 52, nw., 22d; 58, nw., 23d; 60, nw., 24th; 56, nw., 25th; 60, nw., 26th; 62, nw., 27th; 52, nw., 28th; 51, nw., 29th.

Velocities of fifty miles per hour, or more, were also reported from the following stations: Little Rock, Arkansas, 54, n., 4th; Fort Bennett, Dakota, 52, nw., 15th; Fort Stevenson, Dakota, 50, se., 24th.

LOCAL STORMS.

Arkansas: 3d, a tornado occurred in Crawford county, caus-